Index of Claims

| Application No. | Applicant(s)    |
|-----------------|-----------------|
| 09/936,436      | WATANABE ET AL. |
| Examiner        | Art Unit        |

Duy M Dang

2621

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|          |            | L_        |          |        |           |            | J  |  | Ш               |          |          |          |  |  |          |                 |          |            |          |          |           |          | J          |            | <u></u>         |                 |           |                  |
|----------|------------|-----------|----------|--------|-----------|------------|--|--|-----------------|----------|----------|----------|--|--|----------|-----------------|----------|------------|----------|----------|-----------|----------|------------|------------|-----------------|-----------------|-----------|------------------|
| Cla      | Claim Date |           |          |        | 7         | Claim Date |  |  |                 |          |          |          |  |  | $\neg$   | Claim           |          |            | Date     |          |           |          |            |            |                 |                 |           |                  |
| Final    | Original   | 129       | /        |        |           |            |  |  |                 |          | Final    | Original |  |  |          |                 |          |            |          |          |           | Final    | Original   |            |                 |                 |           |                  |
|          | 1          | 4         |          | +-     | ╁         | +          |  | <del> </del>                                     | H               | $\dashv$ |          | 51       | ,  | ╁╴   | $\vdash$ |                 |          | -          |          | +        | $\dashv$  | -        | 101        |            | -               |                 | Н         | -                |
|          | 2          | ì         | <u> </u> | _      | $\dagger$ | $\top$     | T  | 1  | $\Box$          | $\dashv$ |          | 52       | 1  | _  |          |                 |          |            | $\vdash$ | $\dashv$ | $\dashv$  | <b> </b> | 102        |            | $\vdash$        | $\vdash$        | Н         | <del>     </del> |
|          | 3          | Π         |          | T      | ✝         | 1          | T  |  | $\vdash$        | ┪        |          | 53       | 1  | $\vdash$   |          | Г               |          |            |          | _        | 7         |          | 103        |            | $\vdash$        |                 | П         |                  |
|          | 4          | П         |          | T      | T         |            |  |  |                 | ┑        |          | 54       | ١  | İ  |          |                 |          |            |          |          |           |          | 104        |            |                 |                 |           |                  |
|          | 5          | П         |          |        |           |            |  |  |                 |          |          | 55       | П  |  |          |                 |          |            |          |          |           |          | 105        | Г          |                 |                 |           |                  |
|          | 6          | Ц         |          |        |           |            |  |  |                 |          |          | 56       | П  |  |          |                 |          |            |          |          |           |          | 106        |            |                 |                 |           |                  |
|          | 7          | Ц         | _        | ╙      | ļ         | 1_         | <u> </u>   | _  | $\sqcup$        | _        |          | 57       |  |  |          |                 |          |            |          |          |           |          | 107        |            |                 |                 |           |                  |
|          | 8          | Ц         | ╄        | ↓_     | ↓_        | <u> </u>   |  |  | $\sqcup$        | _        |          | 58       | Ш  |  |          | L               |          |            |          | _        |           |          | 108        |            |                 | Ш               | Ш         |                  |
|          | 9          | Ц         | ╀        | 1      | ╄-        | <u> </u>   | <u> </u>   | ļ.,  | $\vdash \vdash$ | _        |          | 59       | Ш  | <u> </u>   |          |                 |          |            |          | _        | _         |          | 109        |            |                 | Ш               | Щ         |                  |
| <u> </u> | 10         | Н         | +        | +      | +         |            | <u> </u>   | <u> </u>   | $\vdash$        |          |          | 60       | Н  | L  |          | _               |          |            |          | _        | _         |          | 110        |            |                 | Ш               | Ш         |                  |
| $\vdash$ | 11         | Н         | +-       | ╄      | ╁         | ļ          | <del> </del>                                     | <del> </del>                                     | $\vdash$        | -        |          | 61       | 1  | ├_   |          |                 |          |            | _        | 4        | 4         |          | 111        |            |                 | Ш               | Ш         | $\dashv$         |
| -        | 13         | Н         | +-       | +      | +         |            | <del> </del>                                     | <u> </u>   | $\vdash$        | 4        |          | 62       | +  | ├  | $\vdash$ |                 |          |            |          | $\dashv$ | _         |          | 112        | <u> </u>   | ш               |                 | Ш         |                  |
| $\vdash$ | 14         | Н         | ╁        | ╁      | ╁╌        | +-         | ╁  |  | $\vdash$        |          | -        | 63       | -  | ├  |          | Н               |          |            |          | $\dashv$ | $\dashv$  | <u> </u> | 113        | _          |                 | Н               | Н         | $\vdash$         |
| -        | 15         | H         | +        | +      | +         | +-         | ├  | ┢  | $\vdash$        | $\dashv$ |          | 64<br>65 |  | ├  | ┢        |                 |          |            |          | +        | $\dashv$  | -        | 114        | <u> </u>   | $\vdash$        | -               | H         | -                |
|          | 16         | Н         | ╅        | +      | +         | -          | ┼  | <del> </del>                                     | H               | -        | -        | 66       |  | ├  | ├        |                 |          |            |          | _        |           | -        | 115<br>116 |            | $\vdash$        | $\vdash$        | $\vdash$  | $\dashv$         |
|          | 17         | H         | ╁        | +      | +         | -          | +-   | $\vdash$   | $\vdash$        | $\dashv$ | <b>-</b> | 67       |  | ┢  | $\vdash$ |                 |          | -          | _        | $\dashv$ |           |          | 117        | ├-         | $\vdash$        | $\vdash$        | $\vdash$  |                  |
| <u> </u> | 18         | H         | +        | +-     | ╁         |            | 1  | ┢  | $\vdash$        | $\dashv$ | <u> </u> | 68       |  | <del>                                     </del> | -        | -               | $\vdash$ | $\dashv$   |          | +        | -         |          | 118        | $\vdash$   |                 |                 | $\vdash$  | +                |
| <u> </u> | 19         | H         | +        | ╁╌     | ╁         | $\vdash$   | 1  | ├-   | $\vdash$        | $\dashv$ | -        | 69       |  | $\vdash$   | -        | -               | $\dashv$ | -          |          | $\dashv$ | -         |          | 119        | -          | $\vdash$        | Н               | $\vdash$  | -                |
|          | 20         | H         | $^{+}$   | T      | ╁         | ╁          | <u> </u>   | ┢╌   | -               | ┨        | <b>—</b> | 70       |  | $t^-$  | -        |                 |          | $\dashv$   |          | $\dashv$ |           |          | 120        | $\vdash$   | Н               | $\vdash$        |           |                  |
|          | 21         | Ħ         | 1        | ╅      | T         | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$        | ┪        |          | 71       |  | ┢  |          |                 |          | _          | $\dashv$ | $\dashv$ | -         |          | 121        | $\vdash$   | Н               | Н               | _         |                  |
|          | 22         | П         | T        | T      | T         | T          | T  | $\vdash$   |                 | 7        |          | 72       |  | $\vdash$   |          |                 | $\dashv$ | <b>—</b> † | $\dashv$ | $\dashv$ | _         | -        | 122        |            | П               | Н               | $\neg$    | $\dashv$         |
|          | 23         | П         | Τ        | T      | 1         |            |  |  | $\Box$          |          |          | 73       |  |  |          |                 |          |            |          | $\neg$   |           |          | 123        | _          | П               | П               |           |                  |
|          | 24         | П         |          | T      |           |            |  |  |                 |          |          | 74       |  | Г  | П        |                 | 一        | _          | 寸        | Ì        | 7         |          | 124        |            | П               | П               |           | _                |
|          | 25         | П         |          | T      |           |            |  |  |                 |          |          | 75       |  |  |          |                 |          | $\neg$     | $\neg$   |          |           |          | 125        |            | П               | П               |           | $\neg$           |
|          | 26         | Ц         | $\perp$  |        |           | L          |  |  |                 |          |          | 76       |  | Π  |          |                 |          |            | ヿ        |          |           |          | 126        |            | П               | П               |           | $\Box$           |
|          | 27         | 1         | ┸        | ┸      | _         |            |  |  |                 |          |          | 77       |  |  |          |                 |          |            |          |          |           |          | 127        |            |                 | П               |           |                  |
|          | 28         | 1         | 4_       | _      | <u> </u>  | <u> </u>   |  |  |                 |          |          | 78       |  |  |          |                 |          | $\Box$     |          |          |           |          | 128        |            |                 |                 |           |                  |
|          | 29         | L         | ┸        |        | _         |            | <u> </u>   | <u> </u>   |                 |          |          | 79       | _  |  | Ш        |                 |          |            |          |          |           |          | 129        |            |                 |                 |           |                  |
|          | 30         | Щ         | ┶        | ╽      | _         | $\perp$    | lacksquare                                       | _  | Ш               | _        |          | 80       |  |  |          |                 |          | _          |          |          |           |          | 130        |            |                 |                 |           |                  |
| <u> </u> | 31         | 1         | +-       | _      | ـ         | ↓_         | <u> </u>   | <u> </u>   |                 | _        |          | 81       | _  |  | Ш        |                 | _        | $\Box$     | _        |          | _         | _        | 131        |            |                 |                 |           |                  |
| <u> </u> | 32         | Ц         | +-       | _      | ┼-        |            | <u> </u>   | <u> </u>   |                 |          |          | 82       | _  |  |          |                 | _        |            | _        | _        | _         |          | 132        |            |                 | Ш               |           |                  |
|          | 33         | H         | +-       | +      | $\perp$   | $\vdash$   | <b>├</b> —                                       | $\vdash$   | $\vdash$        | 4        |          | 83       | _  | <u> </u>   | Н        | <u> </u>        |          | _          | _        | _        | _         | <u> </u> | 133        |            | Щ               | Ш               |           | $\perp$          |
| -        | 34<br>35   | H         | +        | +      | ╁         | ┼          | ⊢  | ├-   | $\vdash$        | $\dashv$ | <b> </b> | 84       | <u> </u>   | ├-   | $\vdash$ | Ш               |          | _          |          | $\dashv$ | $\dashv$  | -        | 134        | lacksquare | Щ               | $\square$       | $\square$ | $\dashv$         |
| <b>—</b> | 36         | ℍ         | +        | +      | +-        | ┼          | ╁  | ├-   | $\vdash$        | $\dashv$ | $\vdash$ | 85       | $\vdash$   | -  | Н        | $\dashv$        |          | _          |          | -        | $\dashv$  | <u> </u> | 135        |            | $\vdash$        | $\vdash \vdash$ | _         | $\dashv$         |
|          | 37         | H         | +        | +      | ╁         | +          | ╁  | H  | $\vdash$        | $\dashv$ | $\vdash$ | 86<br>87 | -  | -  | Н        | $\vdash$        |          |            | $\dashv$ | $\dashv$ | $\dashv$  |          | 136        |            | $\vdash \vdash$ | $\vdash \vdash$ | $\dashv$  | +                |
| <u> </u> | 38         | H         | +        | +-     | +-        | ╁          | ├-   | ┢  | $\vdash$        | $\dashv$ | -        | 88       | -  | ├—   | $\vdash$ | $\vdash\vdash$  | $\dashv$ |            | $\dashv$ | $\dashv$ | $\dashv$  | -        | 137        |            | $\vdash$        | $\vdash$        | _         |                  |
| 1        | 39         | H         | +        | +-     | +         | $\vdash$   | <del>  -</del>                                   | ┢  | $\vdash \vdash$ | $\dashv$ | $\vdash$ | 89       | ├-   | ├─   | $\vdash$ | $\vdash$        |          |            | $\dashv$ | $\dashv$ | $\dashv$  |          | 138<br>139 | -          | $\vdash$        | $\vdash \vdash$ | $\dashv$  | -                |
| $\vdash$ | 40         | H         | +        | +      | 1         | H          | ┢  | H  |                 | $\dashv$ | $\vdash$ | 90       | <del> </del>                                     | $\vdash$   | Н        | $\vdash$        |          | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$  | -        | 140        | -          | $\vdash$        | $\vdash \vdash$ | $\dashv$  | -+-              |
|          | 41         | H         | T        | +      | 1         | $\vdash$   | <del>                                     </del> | <b>-</b>   |                 | ┪        |          | 91       | ┝  |  |          | $\vdash$        | ┪        | -          |          | $\dashv$ | $\dashv$  |          | 141        |            | $\vdash$        | Н               | $\dashv$  | -                |
| $\vdash$ | 42         | H         | 十        | $\top$ | T         | T          |  | <u> </u>   | $\vdash$        | -        |          | 92       | $\vdash$   | -  | Н        | H               | 一        | -          | $\dashv$ | +        | $\dashv$  |          | 142        | -          |                 | H               | $\dashv$  |                  |
|          | 43         | П         | T        | ✝      | T         | T          | $\vdash$   | T  | $\vdash$        | 1        |          | 93       | $\vdash$   | ┰  | $\vdash$ | $\vdash \vdash$ | $\dashv$ | 一          |          | $\dashv$ | $\exists$ |          | 143        | Н          | $\dashv$        | $\vdash$        | $\dashv$  |                  |
|          | 44         | Π         | T        | 1      | 1         | 1          | T  | T  | $\vdash$        | 7        | $\Box$   | 94       |  | Т  | П        |                 | 一        | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$  |          | 144        | H          | $\vdash$        | Н               | $\dashv$  | +                |
|          | 45         | T         | T        | 1      |           | 1          |  | Г  | $\vdash$        |          |          | 95       |  | T  | 1 "      | $\neg$          |          | 1          | $\neg$   | $\dashv$ | $\dashv$  |          | 145        |            |                 | $\vdash$        | $\dashv$  | +                |
|          | 46         | $\Box$    | I        | $\top$ | T         |            |  |  | $\Box$          | 1        |          | 96       | <del>                                     </del> | Г  | П        |                 | 一        |            | _        | _        | ┪         |          | 146        | $\vdash$   | $\sqcap$        | $\vdash$        | _         | _                |
|          | 47         |           | Ι        |        |           |            |  |  |                 |          | $\Box$   | 97       | Г  |  | П        |                 | 一        |            | $\neg$   | $\neg$   | 7         |          | 147        |            | $\sqcap$        | $\vdash$        | $\dashv$  | $\dashv$         |
|          | 48         | $\coprod$ | $\Gamma$ |        |           |            |  |  |                 |          |          | 98       |  |  |          |                 |          |            |          |          |           |          | 148        | М          | $\Box$          | $\Box$          | $\dashv$  | $\top$           |
|          | 49         | Ц         | $\perp$  |        |           |            |  |  |                 |          |          | 99       |  |  |          |                 |          |            |          |          |           |          | 149        |            |                 |                 | 寸         |                  |
|          | 50         |           |          |        |           |            | L  |  |                 | _        |          | 100      |  |  |          |                 |          |            |          | $\Box$   |           |          | 150        |            |                 |                 | コ         | $\Box$           |
|          |            |           |          |        |           |            |  |  |                 | _        |          |          |  |  |          |                 |          |            |          |          | _         |          |            |            |                 |                 |           |                  |